

COPY OF PRELIMINARY AMENDMENT FILED MARCH 9, 2001

PATENT

Attorney Docket No. 5451.03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continuation-in-Part Application of:

Patrick WARNER, et al.

Serial No. _____

Filed: Herewith

For: FREE WHEEL CLUTCH MECHANISM FOR
BICYCLE DRIVE TRAIN

Examiner: S. CROW

Art Unit: 3764

PRELIMINARY AMENDMENT

Box PATENT APPLICATION
 Assistant Commissioner of Patents
 Washington, D.C. 20231
 Sir:

Please enter this preliminary amendment in the Continuation-in-part application,
 filed herewith, of Serial. No. 09/379,560. Please enter the following amendments:

Please amend the specification as follows:

In the Claims:

Please cancel claims 1-31.

Please add the following new claims 32-40:

32. An exercise bicycle comprising:

a frame including a seat and handlebars;

a flywheel including an axle housing, the flywheel being rotatably
 supported on the frame;

5 a drive train, including a drive train sprocket, a crank arm attached to and
 extending from the drive sprocket, and a pedal attached to the crank arm, the drive train
 being rotatably supported by the frame, and a slave sprocket coupled to the flywheel, with

the drive train and slave sprockets connected in a direct-drive relationship, the drive train
10 drivable in a forward and rearward direction to cause the flywheel to rotate;
a spring tensioner coupled to the axle housing; and
a clutch positioned in engagement with the slave sprocket and the
flywheel, the clutch including a biasing member positioned between the clutch and the
spring tensioner, the clutch creating a break free force.

33. The exercise bicycle of claim 32, the biasing member being a Belleville washer.

34. The exercise bicycle of claim 32, the axle housing defining a cylinder wherein the outside circumference of the cylinder adjacent the clutch is threaded.

35. The exercise bicycle of claim 34, the spring tensioner defining a threaded aperture adapted to engage the threaded outside circumference of the axle housing.

36. The exercise bicycle of claim 35, wherein the spring tensioner is rotatable about the axle housing so as to increase or decrease the break free force.

37. The exercise bicycle of claim 32, the clutch including an inner clutch plate adjacent an inside edge of the slave sprocket, and an outer clutch plate adjacent an outer edge of the slave sprocket.

38. The exercise bicycle of claim 37, the clutch including an inner clutch washer positioned between the inner clutch plate and the slave sprocket, and an outer clutch washer positioned between the inner clutch plate and the slave sprocket.

39. The exercise bicycle of claim 38 wherein the inner clutch washer and the outer clutch washer are polyethylene.

40. The exercise bicycle of claim 33 wherein the spring tensioner defines an outwardly extending flange circumferential to the axle housing, the outwardly extending flange adapted to center the Belleville washer about the axle housing.